TECHNICAL SPECIFICATION FOR STRUCTURE MATERIALS

1.0 SCOPE

This specification provides for the manufacture and supply of structural Materials for the use in distribution lines of voltage 11 KV/415V.

2.1 STANDARDS

2.2 The structural mild steel angle flats for manufacture of M.S. clamps and sets shall conform to IS:2062 grade á', or latest version thereof. Hardness of steel used should be as per said ISS. The necessary bolts and nuts used should conform to IS:1363 & 1367 of 1967 or latest version thereof.

2.3 Bolts and nuts supplied shall be of the following approved make only GKW / TATA / Industrial Fasteners / Pushpa Industries / India steel and Wire Products / Garg Fasteners Madras or equivalent.

2.0 MARKING

Each member of the set is to be marked with the number identification as mentioned in the drawing.

3.0 PACKING

Materials shall be suitably packed to avoid damage during transport, in the form of Kit supplied in plastic cover along with bill of materials and assembly drawing.

4.0 PAINTING/HOT DIP GALVANISING

All structural steel components shall be either painted or hot dip galvanized as per the requirement.

4.1 HOT DIP GALVANISING

All structural steel components shall be hot dip galvanized as per standard practice, in accordance IS 4759 and Zinc coating shall not be less than 610gm/sq.meter.

4.2 PAINTING

All structural steel components shall be painted with two coats of good quality Anti Corrosive Black (ACB) paint after 2 coats of red oxide primer.

5.0 WEIGHT

The weight of each member of the Structure kit and total weight of Structure kit is as mentioned below and in the drawings.

6.0 DRAWINGS

Typical construction and BOM of Structure kit is indicated in drawing.